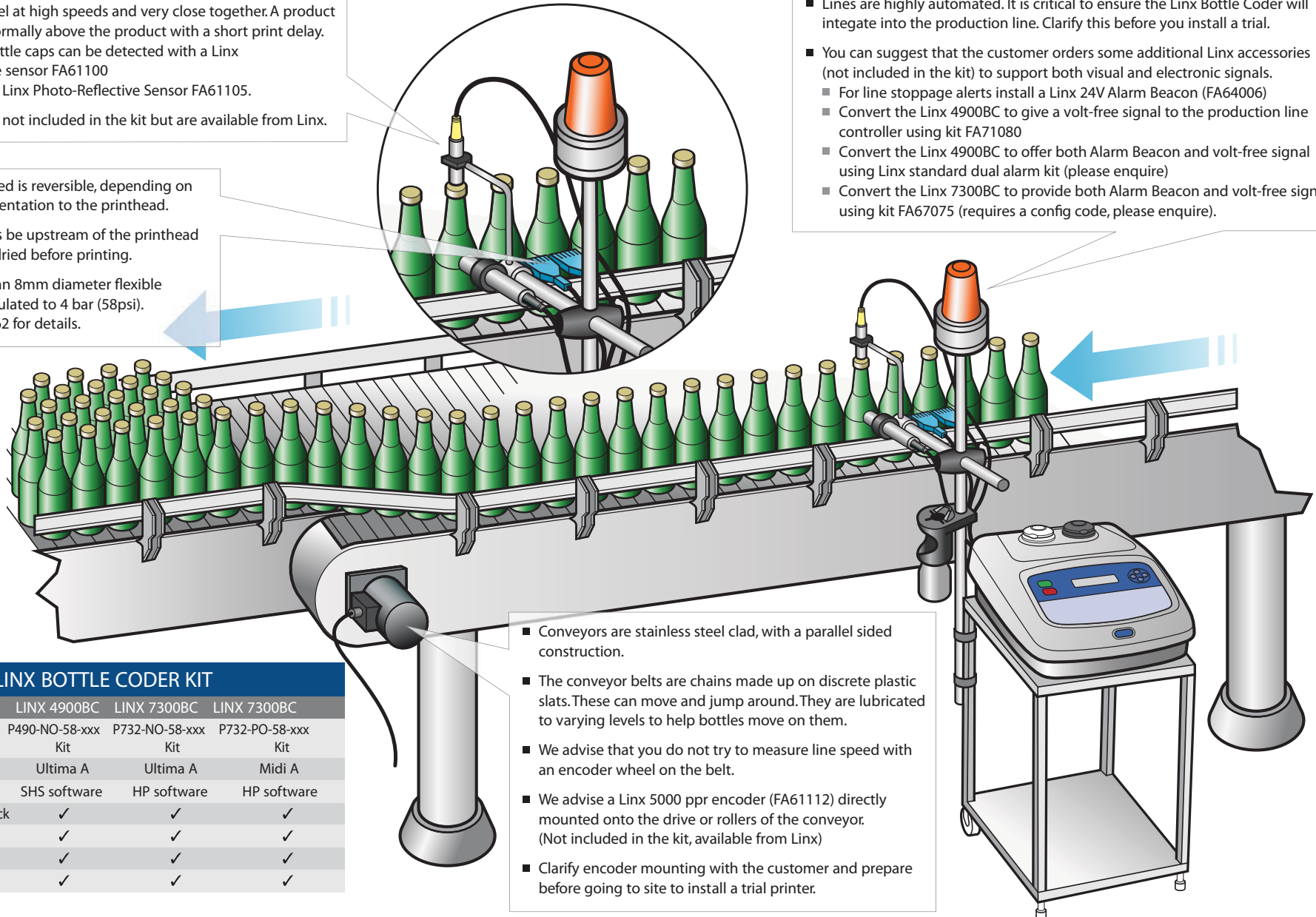# HOW DO I SPECIFY A TYPICAL BOTTLING APPLICATION?

- Bottles travel at high speeds and very close together. A product sensor is normally above the product with a short print delay.
  - Metal bottle caps can be detected with a Linx inductive sensor FA61100
  - or with a Linx Photo-Reflective Sensor FA61105.
- Sensors are not included in the kit but are available from Linx.

- The Linx air knife kit supplied is reversible, depending on the direction of bottle presentation to the printhead.
- The air curtain must always be upstream of the printhead so that bottles are always dried before printing.
- The Linx air knife requires an 8mm diameter flexible tube factory air supply, regulated to 4 bar (58psi). See product bulletin PB0662 for details.

- Lines are highly automated. It is critical to ensure the Linx Bottle Coder will integate into the production line. Clarify this before you install a trial.
- You can suggest that the customer orders some additional Linx accessories (not included in the kit) to support both visual and electronic signals.
  - For line stoppage alerts install a Linx 24V Alarm Beacon (FA64006)
  - Convert the Linx 4900BC to give a volt-free signal to the production line controller using kit FA71080
  - Convert the Linx 4900BC to offer both Alarm Beacon and volt-free signal using Linx standard dual alarm kit (please enquire)
  - Convert the Linx 7300BC to provide both Alarm Beacon and volt-free signal using kit FA67075 (requires a config code, please enquire).

- Conveyors are stainless steel clad, with a parallel sided construction.
- The conveyor belts are chains made up on discrete plastic slats. These can move and jump around. They are lubricated to varying levels to help bottles move on them.
- We advise that you do not try to measure line speed with an encoder wheel on the belt.
- We advise a Linx 5000 ppr encoder (FA61112) directly mounted onto the drive or rollers of the conveyor. (Not included in the kit, available from Linx)
- Clarify encoder mounting with the customer and prepare before going to site to install a trial printer.

INCLUDED IN THE LINX BOTTLE CODER KIT

	LINX 4900BC	LINX 7300BC	LINX 7300BC
ASK FOR	P490-NO-58-xxx Kit	P732-NO-58-xxx Kit	P732-PO-58-xxx Kit
Printhead	Ultima A	Ultima A	Midi A
Software	SHS software	HP software	HP software
Linx 1058 Black ink combi pack	✓	✓	✓
Air knife kit	✓	✓	✓
Washstation	✓	✓	✓
Table and gantry	✓	✓	✓

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Four Key questions

What impact does your CIJ coder have when it stops your line?

- What does this cost?

What problems arise when you do not have consistently good print quality from your coder?

- How are you affected by product changes?
- Does the ink always stick?
- Does it resist condensation?

Are you compromising where / how you print your products?

- Is the customer printing onto caps and labels?
- Is the existing printer installed in dry process areas?
- Woud the customer prefer to print directly onto the wet bottle?

Do you refill your bottles?

- What happens if the code is not removed?

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